

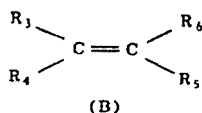
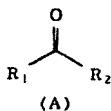
91-242856/33
FUJI PHOTO FILM KK

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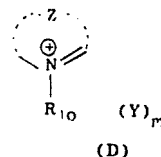
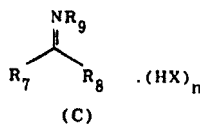
FUJIF 17.11.89
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17.11.89-JP-299155 (08.07.91) G03c-07/42
Processing silver halide colour photographic photosensitive material - using bleach and/or fixing liq. contg. thiosulphate, ketone, aldehyde, ethylenic cpd. or amide etc. cpds., sulphite cpd. and adduct
C91-105583

In the bleach-fixing and/or fixing treatment of a photosensitive material after image exposure and colour development, the bleach-fixing liq. and/or fixing liq. includes a cpd. of types (1) and (2), and/or (3).
(1) is a thiosulphate;
(2) at least one cpd. of formula (A) - (D) and at least one bisulphite, sulphite and/or metabisulphite; and
(3) is at least one bisulphite addn. cpd. derived from cpds. of formula (A) - (D):



E(7-H, 10-A8, 10-A9B, 10-A10, 10-A15, 10-A20, 10-A24, 10-A25, 10-C2, 10-C4, 10-D3C, 10-F2, 31-F5) G(6-G10, 6-G11, 6-G12)



R_1 = alkenyl, aryl, alkynyl, cycloalkyl, aralkyl, heterocyclic, carboxylic, ester, acyl or carbamoyl;
 R_2 = H, alk(en)yl, alkynyl, aralkyl, aryl, cycloalkyl or heterocyclic gp., or R_1 and R_2 may form a ring together (R_2 is not H when R_1 is an aryl gp. in (A));
 R_{3-5} = H, alkyl, alkenyl, alkynyl, aralkyl, cycloalkyl, aryl, heterocyclic, carboxylic, ester, acyl, halogen, ether, sulfo, sulphinyl, sulphonyl, CN, NO_2 , carbamoyl or sulphamoyl;
 R_6 = an electron absorbing gp., and R_3 and R_4 , R_4 and R_5 , R_5 and R_6 and/or R_6 and R_1 may form ring together in cpd. (B);

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$\text{R}_7\text{-R}_9$ = H, alk(en)yl, alkynyl, cycloalkyl, aralkyl, aryl, heterocyclic, amino, alkylamino, arylamino, carboxylic, ester, acyl, ether, OH, alkylthio, or arylthio; (R_7 and R_8 , R_8 and R_9 and R_7 and R_9 may form ring together in cpd. (C));
 R_{10} = alk(en)yl, alkynyl, cycloalkyl, aralkyl, aryl or heterocyclic gp.; or may form a ring by bonding with the atoms in Z in cpd. (D);
Z = atom forming a ring;
X and Y = anions;
n and m = 0 or 1.

ADVANTAGE

The stability with lapse of time of the fixing liquid or the bleach-fixing liquid can be improved. The image preservability can be improved.
(66ppW46WFADwgNo0/0)

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